

Interference Search

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 455 | 348/705.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:12 |
| L2 | 262 | 348/707.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:12 |
| L3 | 1419 | 330/51.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:12 |
| L4 | 609 | 370/402.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:13 |
| L5 | 226 | 370/362.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:13 |
| L6 | 74 | 348/211.5.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:13 |
| L7 | 2 | (bus same (amplif\$4 or amplificat\$4) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3 same tri\$1state same input same output) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:16 |
| L8 | 0 | (bus same (amplif\$4 or amplificat\$4) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3 same tri\$1state same input same output).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:17 |
| L9 | 0 | (bus same (amplif\$4 or amplificat\$4) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3 same tri\$1state).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:17 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| L10 | 3 | ((bus or line or path) same (amplif\$4 or amplificat\$4 or buffer) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3 same tri\$1state).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:17 |
| L11 | 3 | ((bus or line or path or wire or cable) same (amplif\$4 or amplificat\$4 or buffer) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3 same tri\$1state).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:18 |
| L12 | 110 | ((bus or line or path or wire or cable) same (amplif\$4 or amplificat\$4 or buffer) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3 same tri\$1state) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:24 |
| L14 | 3030 | 1 2 3 4 5 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:24 |
| L18 | 76 | (direct\$3 same (bus or line or path or wire or cable) same (amplif\$4 or amplificat\$4 or buffer) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:29 |
| L20 | 110 | ((bus or line or path or wire or cable) same (amplif\$4 or amplificat\$4 or buffer) same (fet or (field near3 effect near3 transistor) or transistor or nmos or pmos or mos or cmos or jfet) same bias\$3 same tri\$1state) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:30 |
| L21 | 1 | 14 and 20 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 12:30 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------------|--------------------------------|------------------|---------|------------------|
| L1 | 163 | 370/450.CCLS. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:30 |
| L2 | 127 | 370/451.CCLS. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:28 |
| L3 | 286 | 1 2 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:29 |
| L5 | 12 | 3 and tri\$1state | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:30 |
| L6 | 155 | 370/257.CCLS. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:31 |
| L7 | 6 | 6 and tri\$1state | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:31 |
| L8 | 225 | 370/362.CCLS. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:38 |
| L9 | 22 | 8 and tri\$1state | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:32 |
| L10 | 137 | 370/364.CCLS. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:33 |
| L11 | 15 | 10 and tri\$1state | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:33 |
| L12 | 455 | 370/402.CCLS. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:35 |
| L13 | 28 | 12 and tri\$1state | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:35 |
| L14 | 123 | 370/421.CCLS. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:35 |
| L15 | 2 | 14 and tri\$1state | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:35 |

EAST Search History

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|-----|--------|--|---|----|----|------------------|
| S1 | 0 | tri\$1state near2 amplifier and network near2 gain and bus | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:29 |
| S3 | 81 | tri\$1state near2 amplifier and gain | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:33 |
| S4 | 20 | cctv same switcher | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:51 |
| S5 | 37 | match\$4 with impedance same (tri\$2state or op\$2amp) same (transistor or fet or mosfet or mos) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:54 |
| S6 | 176 | full near3 matrix near4 switch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:54 |
| S7 | 9 | ("4808853").URPN. | USPAT | OR | ON | 2007/06/26 16:01 |
| S8 | 15 | ("4808853" "5512853" "5548226" "5617045" "5644217" "5781026" "5801564").PN. OR ("6344765").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:05 |
| S9 | 61 | (victor with kostak).xa. and bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:20 |
| S10 | 670022 | matrix wtih switch\$3 same impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:20 |
| S11 | 1213 | matrix with switch\$3 same impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:20 |
| S12 | 137 | matrix with switch\$3 same impedance same bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:26 |
| S13 | 0 | switcher and (op\$4amp or tris\$2state) same (fet or transistor or mos or mosfet) same amplif\$4 same impedance same bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:27 |
| S14 | 2 | switch\$4 and (op\$4amp or tris\$2state) same (fet or transistor or mos or mosfet) same amplif\$4 same impedance same bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:28 |

EAST Search History

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|-----|-------|--|------------------------------|----|----|------------------|
| S15 | 40 | switch\$4 and (op\$4amp or tris\$2state) same (fet or transistor or mos or mosfet) same amplif\$4 same impedance and bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 16:16 |
| S16 | 0 | ctv with switch\$3 and impedance with bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:29 |
| S17 | 0 | cctv with switch\$3 and impedance with bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:29 |
| S18 | 261 | cctv with switch\$3 and impedance and\ bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 16:29 |
| S19 | 15 | cctv with switch\$3 and impedance and bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 17:13 |
| S20 | 42102 | "330"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 17:13 |
| S21 | 779 | "330"/\$.ccls. and (op\$1amp or tris\$3state) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 17:14 |
| S22 | 458 | "330"/\$.ccls. and (op\$1amp or tris\$3state) and impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/26 17:16 |
| S23 | 33 | "330"/\$.ccls. and (op\$1amp or tris\$3state) and impedance and bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:47 |
| S24 | 1371 | 330/51.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:47 |
| S25 | 692 | 330/51.ccls. and (amplifier or op\$1amp or tris\$1state) and impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:49 |
| S26 | 48 | 330/51.ccls. and (amplifier or op\$1amp or tris\$1state) and impedance and bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:52 |
| S27 | 6 | cctv same switch\$2 same amplif\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:53 |
| S28 | 0 | cctv same switch\$2 same amplif\$4 same bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:52 |
| S29 | 1786 | disabl\$4 with amplifier and (transistor or fet or mosfet) and bus | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:54 |

EAST Search History

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|-----|--------|--|--|----|----|------------------|
| S30 | 815 | disabl\$4 with amplifier and (transistor or fet or mosfet) and bus and impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:54 |
| S31 | 255 | disabl\$4 with amplifier and (transistor or fet or mosfet) and bus same impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:54 |
| S32 | 255 | disabl\$4 with amplifier and (transistor or fet or mosfet) and bus same impedance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:07 |
| S33 | 476 | 348/705.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:06 |
| S34 | 233753 | 348/705.ccls. an amplifier with disabl\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:06 |
| S35 | 5 | 348/705.ccls. and amplifier with disabl\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:06 |
| S36 | 129 | disabl\$4 with amplifier same (transistor or fet or mosfet) and bus same impedance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:10 |
| S37 | 184 | 370/219.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:13 |

EAST Search History

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|-----|------|--|--|----|----|------------------|
| S38 | 2859 | (amplifier or op\$1amp or tri\$1state) same (fet or transistor or mosfet) same resistor same bus | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:14 |
| S39 | 1432 | (amplifier or op\$1amp or tri\$1state) same (fet or transistor or mosfet) same resistor same bus and impedance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:15 |
| S40 | 626 | (amplifier or op\$1amp or tri\$1state) same (fet or transistor or mosfet) same resistor same bus same impedance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:15 |
| S41 | 486 | (amplifier or op\$1amp or tri\$1state) same (fet or transistor or mosfet) same resistor same bus same impedance and switch\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:17 |
| S42 | 212 | (amplifier or op\$1amp or tri\$1state) same (fet or transistor or mosfet) same resistor same bias same switch\$4 same matrix | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:21 |
| S43 | 1669 | 330/51.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:21 |
| S44 | 16 | 330/51.ccls. and bus near3 line | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:23 |

EAST Search History

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|-----|------|--|--|----|----|------------------|
| S45 | 30 | 330/51.ccls. and switch\$4 with bus | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:24 |
| S46 | 10 | cctv same switch\$3 same amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:26 |
| S47 | 294 | buffer near3 amplifier and amplifier with disabl\$4 and amplifier with (fet or transistor or mosfet or tft) same (resistor or (variable near3 voltage)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 10:50 |
| S48 | 9 | ("4394542" "4608462" "5182527" "5442321" "5574992" "5742204" "5880631" "6040732" "6313682"). PN. OR ("6556075").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 15:43 |
| S50 | 62 | (switch\$2 or router) with bus and bus with (buffer or amplifier or op\$1amp or (operational near2 amplifier) or tri\$1state) with (transistor or fet or mosfet) with (disabl\$4 or turn\$3off or disconnect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:20 |
| S51 | 0 | ("2006/0012411").URPN. | USPAT | OR | ON | 2007/06/28 11:04 |
| S52 | 996 | (switch\$2 or router) with output and output with (buffer or amplifier or op\$1amp or (operational near2 amplifier) or tri\$1state) with (transistor or fet or mosfet) with (disabl\$4 or turn\$3off or disconnect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 11:05 |
| S53 | 3123 | isolat\$4 with output with buffer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 11:07 |

EAST Search History

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|-----|-----|--|--|----|----|------------------|
| S54 | 217 | S53 with bus | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 11:13 |
| S55 | 200 | "370"/\$.ccls. and bus same (amplifier or buffer or tri\$1state) with disabl\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 11:14 |
| S56 | 111 | "370"/\$.ccls. and bus same (amplifier or buffer or tri\$1state) near5 disabl\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 11:15 |
| S57 | 0 | tri\$1stae near3 isolat\$4 and switch\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 11:15 |
| S58 | 226 | tri\$1state near3 isolat\$4 and switch\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 11:16 |
| S59 | 1 | ("5418935").URPN. | USPAT | OR | ON | 2007/06/28 16:17 |
| S60 | 6 | self with activ\$4 with buffer with tri\$1STATE | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:33 |
| S61 | 3 | cctv with switch\$3 and tri\$1state near4 buffer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:35 |

EAST Search History

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|-----|------|---|--|----|----|------------------|
| S62 | 17 | ("20030118141" "4623925" "4635000" "4663523" "4694156" "5036216" "5136260" "5523792" "5731843" "5767916" "5805233" "5825431" "6226045" "6420918" "6573944" "6731343" "6943844"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 13:34 |
| S63 | 1792 | switch\$3 same tri\$1state near4 buffer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:35 |
| S64 | 435 | switch\$3 same tri\$1state near4 buffer same (impedance or isolat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:41 |
| S65 | 100 | tri\$1state near4 buffer with (transistor or fet) same (isolat\$4 or disabl\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:49 |
| S66 | 2217 | 307/112.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:49 |
| S67 | 4 | 307/112.ccls. and tri\$1state | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:53 |
| S68 | 12 | 307/112-116.ccls. and tri\$1state | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:00 |

EAST Search History

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|-----|------|---|--|----|----|------------------|
| S69 | 3186 | 307/112-116.ccls. and switch\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:00 |
| S70 | 173 | 307/112-116.ccls. and buffer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:01 |
| S71 | 67 | tri\$1state with bias with input | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:04 |
| S72 | 1621 | "710"/\$.ccls. and tri\$1state | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:05 |
| S73 | 8 | "710"/\$.ccls. and tri\$1state with fet | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:05 |
| S74 | 63 | "710"/\$.ccls. and tri\$1state with (fet or transistor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:07 |
| S75 | 47 | "375"/\$.ccls. and bus near2 amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:08 |
| S76 | 0 | ("6816554").URPN. | USPAT | OR | ON | 2007/06/28 14:09 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S77 | 29 | ("4123799" "4204277" "4247791" "4561702" "4751681" "4831287" "5144168" "5148063" "5638402" "5650971" "5654918" "5668765" "5699304" "5726942" "5764572" "5796273" "5821792" "5834953" "5850359" "5907251" "5920218" "5936953" "6028454" "6137319" "6154498" "6198682" "6278740" "6414520" "6697896").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 14:43 |
| S78 | 687 | "200"/\$.ccls. and (tri\$1state or buffer) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 14:43 |
| S79 | 16 | "200"/\$.ccls. and (tri\$1state) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/28 14:50 |
| S80 | 36 | "725"/\$.ccls. and tri\$1state | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:37 |
| S81 | 455 | 348/705.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:39 |
| S82 | 8 | S81 and tri\$1state | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:01 |
| S83 | 273 | 348/706.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:01 |
| S84 | 6 | cctv and switch\$4 and tri\$1state | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:48 |
| S85 | 5219 | switch\$4 and tri\$1state near4 buffer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:48 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S86 | 890 | switch\$4 and tri\$1state near4 buffer same (transistor or fet) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:49 |
| S87 | 549 | switch\$4 and tri\$1state near4 (buffer or amplifier) with (transistor or fet) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:49 |
| S88 | 90 | switch\$4 and tri\$1state near4 (buffer or amplifier) with (transistor or fet) and matrix | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 15:49 |
| S89 | 262 | 348/707.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:01 |
| S90 | 3 | S89 and tri\$1state | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:02 |
| S91 | 74 | 348/211.5.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:04 |
| S92 | 74 | 348/211.11.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:04 |
| S93 | 140 | S91 S92 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:04 |
| S95 | 78 | S93 and switch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:05 |
| S96 | 2 | S93 and tri\$1state | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:06 |

EAST Search History

| | | | | | | |
|----------|-----|--|---|----|----|------------------|
| S97 | 724 | "348"/\$.ccls. and tri\$1state | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:11 |
| S99 | 282 | 327/330.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:12 |
| S10 0 | 6 | tri\$2state near3 (amplif\$4 or buffer) with (transistor or fet) with gate with bias | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 16:13 |
| S10 2 | 990 | 330/51.ccls. | USPAT | OR | ON | 2007/06/28 16:17 |
| S10 3 | 18 | 330/51.ccls. and tri\$2state | USPAT | OR | ON | 2007/06/28 16:44 |
| S10 4 | 102 | (television or cctv or tv or image) near4 switch\$4 and switch\$4 same tri\$1state | USPAT | OR | ON | 2007/06/28 16:45 |
| S10 5 | 2 | "5448311".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 17:23 |
| S10 6 | 2 | "4581645".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 17:23 |

EAST Search History

| | | | | | | |
|----------|----|---|--------------------------------|----|----|------------------|
| S10 7 | 30 | (US-20040212679-\$ or US-20030112751-\$ or US-20060012411-\$ or US-20070126722-\$ or US-20040001501-\$ or US-20040228475-\$ or US-20040128144-\$ or US-20030179318-\$ or US-20060202755-\$ or US-20060192614-\$ or US-20020132588-\$ or US-20020033703-\$ or US-20030156457-\$ or US-20020030517-\$ or US-20020080883-\$).did. or (US-4808853-\$ or US-6344765-\$ or US-6556075-\$ or US-6754341-\$ or US-6593775-\$ or US-6480602-\$ or US-5418935-\$ or US-5086427-\$ or US-7136109-\$ or US-7068073-\$ or US-6157688-\$ or US-6108035-\$ or US-5867484-\$ or US-5699013-\$).did. or (US-4808853-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/28 17:25 |
| S10 8 | 22 | S107 and tri\$1state | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/06/29 11:28 |